

DATAPOINT 6000 SERIES ATTACHED PROCESSORS



DATAPoint 6000 Series Attached Processors

The Datapoint 6000 Series Attached Processors are user-oriented, business data processors for use with Datapoint's Attached Resource Computer™ systems. Designed for compatibility with existing Datapoint software and peripherals, the 6000 Series processors offer an economical way to increase the processing power of any Datapoint Attached Resource Computer system.

The 6000 Series Attached Processors are based on the powerful Datapoint 6600 Advanced Business Processor and feature virtually the same internal architecture and advanced instruction set. Available in two versions, the 6010 with 60K user memory and the 6020 with 120K user memory, the 6000 Series processors incorporate a typewriter-style keyboard, 11-key numeric pad, video display screen, and Resource Interface Module. A 4K Read Only Memory allows system initialization from an ARC™ system file processor.

Used as a host computer for the multitask, multiuser DATASHARE Business Timesharing System in conjunction with ARC system operations, the 6020 Attached Processor can support up to 24 Datapoint 3600 video display user workstations (up to 16 can be supported by the 6010). Each of the 3600 user workstations can concurrently access the ARC system common data base, enter data, and direct the execution of the same or different programs. The 6000 Series processors also support batch or real-time communications to other computers or ARC systems.

Since standard Datapoint peripherals are compatible with the 6000 Series processors, the processing power of any ARC system can be increased without jeopardizing prior investments. Datapoint printers, disks, tapes, and synchronous and asynchronous communications equipment may be configured with the 6000 Series processors with no modification or system redesign necessary.

The 6000 Series Attached Processors and their peripherals are compatible with Datapoint's extensive software library, including the powerful Disk Operating System and its utilities, a wide variety of communications and emulator packages, general business languages such as COBOL, BASIC, RPG, and Assembler, and Datapoint languages such as DATABUS®, DATASHARE®, DATAFORM®, and SCRIBE®.

Functional Characteristics

Processor:

The 6000 Series Attached Processors feature virtually the same internal architecture as the 6600 Advanced Business Processor; see the 6600 listing in the Equipment Catalog for more information.

Keyboard:

Standard typewriter, 55 keys
11-key numeric pad
5 control keys
Audio tones

Video Display:

7X3.5 inch viewing area
80 columns by 12 rows (960 character positions)
Upper and lower case, plus special characters
5X7 dot matrix for high legibility
High-speed character display
Programmable display memory allows for generation of 128 characters under program control

Memory:

4K system memory reservation
4K system ROM
120K maximum user memory
0.6 microsecond cycle time
Parity checking
Parity bit
Memory allocation
Memory protection

Physical Characteristics

Equipment Dimensions:

Width: 18.5 in. (47 cm.)
Height: 9.6 in. (24.5 cm.)
Depth: 19.6 in. (49.9 cm.)
Weight: 47 lbs. (21.3 kg.)

Power Requirements:

115 or 230 VAC, 50 or 60 Hz

Environment:

50 to 100 degrees F
10 to 38 degrees C
20 to 90% relative humidity, non-condensing

Model Codes

6020 Datapoint 6000, 120K user memory,
115 VAC, 50 or 60 Hz
6010 Datapoint 6000, 60K user memory,
115 VAC, 50 or 60 Hz
5163 230 VAC, 50 or 60 Hz Power Option